

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (original) A fumigant/sterilant comprising an effective amount of cyanogen mixed with a predetermined quantity of carbon dioxide such that in use, the fumigant/sterilant remains below its flammability limit.

Claim 2 (currently amended) A The fumigant /sterilant according to claim 1, wherein said cyanogen is in the form of a liquefied gas.

Claim 3 (currently amended) A The fumigant/sterilant according to claim 1 ~~claim 1 or 2~~, wherein said carbon dioxide is gaseous carbon dioxide.

Claim 4 (currently amended) A The fumigant/sterilant according to claim 1 ~~claim 1 or 2~~, wherein said carbon dioxide is liquid carbon dioxide.

Claim 5 (currently amended) A The fumigant/sterilant according to claim 1 ~~any one of claims 1 to 4~~, comprising 1 to 26 wt% of cyanogen and 99 to 72 wt % of carbon dioxide.

Claim 6 (currently amended) A The fumigant according to claim 5, comprising 1 to 20% cyanogen and 99 to 80% of carbon dioxide.

Claim 7 (currently amended) A The fumigant/sterilant according to claim 1 ~~any one of claims 1 to 6~~, wherein said cyanogen is mixed with said carbon dioxide on site or as a prepackaged product.

Claim 8 (currently amended) A The fumigant/sterilant according to claim 1 ~~any one of claims 1 to 7~~, wherein said cyanogen is mixed with said carbon dioxide in an industrial gas cylinder.

Claim 9 (original) A method of producing a fumigant /sterilant comprising mixing an effective amount of cyanogen with a predetermined quantity of carbon dioxide such that in use, the fumigant/sterilant remains below its flammability limit.

Claim 10 (currently amended) A The method according to claim 9 ~~claim 8~~, wherein said cyanogen is in the form of a liquefied gas.

Claim 11 (currently amended) A The method according to claim 9 ~~claim 8 or 9~~, wherein said carbon dioxide is gaseous carbon dioxide.

Claim 12 (currently amended) A The method according to claim 9 ~~claim 8 or 9~~, wherein said carbon dioxide is liquid carbon dioxide.

Claim 13 (currently amended) A The method according to claim 9 ~~any one of claims 8 to 12~~, wherein 1 to 26 wt% of cyanogen is mixed with 99 to 72 wt % of carbon dioxide.

Claim 14 (currently amended) A The method according to claim 13, wherein 1 to 20% cyanogen is mixed with 99 to 80% of carbon dioxide.

Claim 15 (currently amended) A The method according to claim 9 ~~any one of claims 9 to 14~~, wherein said cyanogen is mixed with said carbon dioxide on site or as a prepackaged product.

Claim 16 (currently amended) A The method according to claim 9 ~~any one of claims 9 to 14~~, wherein said cyanogen is mixed with said carbon dioxide in an industrial gas cylinder.

Claim 17 (currently amended) Use of the a fumigant/sterilant according to claim 1 ~~any one of claims 1 to 8~~, for fumigating and/or sterilising soil or commodities.

Claim 18 (currently amended) Use of the a fumigant according to claim 17, for post-harvest fumigation and/or sterilisation.

Claim 19 (original) Use according to claim 17, wherein said commodity is timber.

Claim 20 (currently amended) Use of the a fumigant/sterilant according to claim 1 ~~any one of claims 1 to 8~~, for confined space soil or commodity fumigation and /or sterilisation.